As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and lost inventor listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SATELLITE TELEVISION SYSTEM GROUND STATION HAVING WIDEBAND MULTI-CHANNEL LNB CONVERTER/TRANSMITTERDE

d on inventor (if plura names are

JUN 0 3 2002

ARCHITECTURE WITH COARSE TUNER IN OUTDOOR UNIT the specification of which was filed on 2/26/02 as Application Serial No. 10/084,774 and was amended on , or, if not identified here by filing date and serial number, is attached hereto. I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56. I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate by me or my representatives or assigns for this invention having a filing date before that of the application on which priority is claimed. Application No. priority claimed [] Yes [] No Application No. in on priority claimed [] Yes [] No Application No. priority claimed [ ] Yes [ ] No in on I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below. Application No. Filed Application No. Filed I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application [] patented [] pending [] abandoned Serial No. Filed Serial No. [] patented [] pending [] abandoned Filed I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I hereby appoint, individually and collectively, the following as my/our attorney or agent with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Joseph S. Tripoli Registration No. 26,040 and Joseph J. Laks Registration No. 27,914 and Robert D. Shedd Registration No. 36,269 and Kuniyuki Akiyama Registration No. 43,314 PLEASE ADDRESS ALL COMMUNICATIONS TO: JOSEPH S. TRIPOLI PATENT OPERATIONS - THOMSON MULTIMEDIA LICENSING INC. TWO INDEPENDENCE WAY PRINCETON, NEW JERSEY 08543-5312 Sole or Joint Paul Gothard Knutson Inventor (1) (Type or Print) (Signature in Full. No initials.) Citizenship U.S.A. Date Post Office Address 5 Huron Way, Lawrenceville, New Jersey 08648, U.S.A as above Residence Sole or Joint Kumar Ramaswamy Inventor (2) (Type or Print) (Signature in Full. No initials.) Citizenship India Post Office Address 7701 Tamarron Drive, Plainsboro, New Jersey 08648, U.S.A as above Residence Sole or Joint Max Ward Muterspaugh Inventor (3) (Type or Print) (Signature in Full. No initials.) Citizenship U.S.A. Post Office Address 7353 North Layman Ave., Indianapolis, Indiana 46250, U.S.A as above Residence

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SATELLITE TELEVISION SYSTEM GROUND STATION HAVING WIDEBAND MULTI-CHANNEL LNB CONVERTER/TRANSMITTER

ARCHITECTURE WITH COARSE TUNER IN OUTDOOR UNIT

	ARCHITECTURE WITH COARSE TONER IN COTDOOR CITY	==4
ne specification o	n of which was filed on 2/26/02 as Application Serial No. 10/084	,774 and was amended on
	, or, if not identified here by filing date and serial number, is attained and understand the contents of the above identified specification, including the claims, a	ached hereto. Is amended by any amendment
		is afficied by any afficient
eferred to above	the disclose information which is material to the examination of this application in	accordance with 37 CFR 1.56.
	tains tanniam milerity benefits under 35 USC 119 of any foreign application(S) for batent of inven-	iors cerinicale listed below and have
also identified below any foreign application for patent or inventor's certificate by me or my representatives or assigns for this invention having a		
filling data before that of the application on which priority is claimed.		
Applica	ication No in on priority claimed [] Yes [] No ication No in on priority claimed [] Yes [] No ication No in on priority claimed [] Yes [] No	
Applica	ication No in on priority claimed [] Yes [] No	
Application No. In On DRORLY CIAILIEU 1 ( CS ) 1 NO		
I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below.		
Application No Filed		
Application No Filed		
claims of this application is not disclosed in the prior offitted states application in the matter prior of the prior application as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application		
and the national or PCT international filing date of this application		
Serial No Filed [] patented [] pending [] abandoned  Serial No Filed [] patented [] pending [] abandoned		
Serial No. Filed [] patented [] pending [] abandoned		
the design of the control of the con		
believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the		
ounishable by fir	fine or imprisonment, or both, under 18 USC 1001 and that such will unlaise statements may j	eopardize the validity of the
application or any	any patent issued thereon. appoint, individually and collectively, the following as my/our attorney or agent with full power of	substitution and revocation, to
I hereby app	application and to transact all business in the U.S. Parietted and Trademark Office connected the	erewith:
prosecute triis ap	locanh S Trinoli Hegistration No. 20,040 an	d
	Joseph J. Laks Registration No. 27,914 an Robert D. Shedd Registration No. 36,269 an	d
	Robert D. Shedd Registration No. 36,269 an	d
	Kuniyuki Akiyama Registration No. 43,314	
	PLEASE ADDRESS ALL	
COMMUNICATIONS TO: JOSEPH S. TRIPOLI		
PATENT OPERATIONS - THOMSON MULTIMEDIA		
LICENSING INC.		
	TWO INDEPENDENCE WAY	0 /
	PRINCETON, NEW JERSEY 08543-5312	//
Sole or Joint		
Inventor (1)	(Type or Print) (Signature in Full. No initials.)	
Citizenship	1164	266)
_	Date	7
Post Office Addi	ddress 5 Huron Way, Lawrenceville, New Jersey 08648, U.S.A.	
1		
Residence _	as above	
<u> </u>	Const doc 1 Const Cons	20 (0.411.)
Sole or Joint Inventor (2)		1710000
inventor (2)	(Signature in Full. No initials.)	
Citizenship	India SM Mark	2007 .
Post Office Add		
İ	7701 Tamarron Drive, Plainsboro, New Jersey 08648, U.S.A.	
	<del></del>	
Residence	as above	
Sole or Joint		
Inventor (3)	(Type or Print) (Signature in Full. No initials.)	
Citizenship	U.S.A.	
Citizenship	U.S.A. Date	
Post Office Add	Address	
	7353 North Layman Ave., Indianapolis, Indiana 46250, U.S.A.	
Ì		
Residence	as above	
riesidence		